

What is claimed is:

1. A radio apparatus comprising:

tuning circuitry for selecting a channel from an input rf spectrum;

an output for driving a speaker system with an audio presentation
derived from the selected channel; and

a recording apparatus having a memory with capacity for recording a
fixed time duration T of the audio presentation, and adapted to make an
audio record sequentially in a circular fashion, such that when the memory
capacity is filled, the device continues to record, overwriting the oldest
recorded information, providing thereby, at any point in time, a stored copy
of time duration T immediately preceding the point in time.

2. The radio apparatus of claim 1 wherein the recording apparatus
comprises a tape recorder adapted to record in a circular fashion.

3. The radio apparatus of claim 1 further comprising an A/D converter,
wherein the memory is a digital memory managed to record sequentially in
a circular fashion, and the audio presentation is presented at the speakers
and simultaneously digitized and recorded in the digital memory.

4. The radio apparatus of claim 1 further comprising user-operable inputs
for interrupting circular recording, selecting beginning positions for
playback, and playing back the recorded data.

5. An add-on recorder for a radio apparatus, comprising:

an input for receiving an analog audio signal stream from a radio;

an output for driving a speaker system; and

a memory system with capacity for recording a fixed time duration T of received analog audio signals, and adapted to make an audio record in the memory sequentially in a circular fashion, such that when the memory capacity is filled, the system continues to record, overwriting the oldest recorded information, providing thereby, at any point in time, a stored copy of time duration T immediately preceding the point in time.

6. The add-on recorder of claim 5 wherein the memory system comprises a tape recorder adapted to record in a circular fashion.

7. The add-on recorder of claim 5 further comprising an A/D converter, wherein the memory system comprises a digital memory managed to record sequentially in a circular fashion, and the received analog audio signal stream is sent to the speaker system via the output and simultaneously digitized and recorded in the digital memory.

8. The add-on recorder of claim 5 further comprising user-operable inputs for interrupting circular recording, selecting beginning positions for playback, and playing back the recorded data.

9. A television apparatus comprising:

tuning circuitry for selecting a channel from an input video spectrum;

an output for driving a television display with a video presentation derived from the selected channel; and

5 a recording apparatus having a memory with capacity for recording a fixed time duration T of the video presentation, and adapted to make a video record sequentially in a circular fashion, such that when the memory capacity is filled, the apparatus continues to record, overwriting the oldest recorded information, providing thereby, at any point in time, a stored copy of time duration T immediately preceding the point in time.

10 10. The television apparatus of claim 9 wherein the recording apparatus comprises a video tape recorder adapted to record in a circular fashion.

15 11. The television apparatus of claim 9 further comprising an A/D converter, wherein the memory is a digital memory managed to record sequentially in a circular fashion, and the video presentation is presented at the television display and simultaneously digitized and recorded in the digital memory.

20 12. The television apparatus of claim 9 further comprising user-operable inputs for interrupting circular recording, selecting beginning positions for playback, and playing back the recorded data.

25 13. An add-on recorder for a television apparatus, comprising:
an input for receiving a video data stream;
an output for driving a television display system; and
a memory system with capacity for recording a fixed time duration T of the received video data stream, and adapted to make record in the memory sequentially in a circular fashion, such that when the memory capacity is filled, the system continues to record, overwriting the oldest

recorded information, providing thereby, at any point in time, a stored copy of time duration T immediately preceding the point in time.

5 14. The add-on recorder of claim 13 wherein the memory system comprises a video tape recorder adapted to record in a circular fashion.

10 15. The add-on recorder of claim 13 further comprising an A/D converter, wherein the memory system comprises a digital memory managed to record sequentially in a circular fashion, and the received video data stream is sent to the television display via the output and simultaneously digitized and recorded in the digital memory.

15 16. The add-on recorder of claim 13 further comprising user-operable inputs for interrupting circular recording, selecting beginning positions for playback, and playing back the recorded data.

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